# Taumata 1: Te Tau me te Taurangi

## Activity 2: Create a picture or design

This activity may be used independently, or as a class activity on a range of digital devices such as an interactive whiteboard, laptop, i-pad, etc.

### Purpose

The purpose of this activity is to recognise the numbers from 1 to 100, visualise patterns in numbers as they create a design by selecting the given numbers.

### Activities

Using the [hundreds board](http://eng.mataurangamaori.tki.org.nz/layout/set/fullscreen/Media/Multimedia/Te-Papa-a-Rau/Hundreds-board/%28refNodeID%29/2126/%28mode%29/basic), students could be asked to:

1. Select the numbers in a given set and describe the design or picture.
   * Example 1: Train engine  
     26, 27, 28, 29, 33, 37, 39, 43, 44, 45, 46, 47, 48, 49, 53, 59,  
     63, 64, 65, 66, 67, 68, 69, 74, 78
   * Example 2: Heart  
     22, 23, 27, 28, 31, 34, 36, 39, 41, 45, 49, 52, 58, 63, 67, 74, 76, 85
   * Example 3: House  
     53, 54, 63, 64  
     5, 13, 14, 15, 16, 17, 22, 23, 24, 25, 26, 27, 28, 31, 32, 33, 34, 35, 36, 37, 38, 39, 41, 51, 61, 71, 81, 49, 59, 69, 79, 89,  
     82, 83, 84, 85, 86, 87, 88,  
     66, 67, 76, 77,  
     53, 54, 63, 64
2. Working in pairs:   
   Create their own design and call their set of numbers to see if partner produces the correct picture or design.

### Resources

[Te Reo Pāngarau](http://www2.nzmaths.co.nz/maori/dictionary/) <http://www2.nzmaths.co.nz/maori/dictionary/>

[Te Tau Māmā Me Te Tikanga Paremata](http://www.nzmaths.co.nz/resource/te-tau-m-m-me-te-tikanga-paremata) <http://www.nzmaths.co.nz/resource/te-tau-m-m-me-te-tikanga-paremata>